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PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Stephan W. Wegerich et al.

Application No./Patent No.: 09/780,561 Filed/Issue Date: February 12, 2001

Entitled: SIGNAL DIFFERENTIATION SYSTEM USING IMPROVED NON-LINEAR OPERATOR

SmartSignal Corporation, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012655, Frame 0570, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Mark W. Hetzler  
Signature

May 26, 2005

Date

Mark W. Hetzler

312.577.7000

Printed or Typed Name

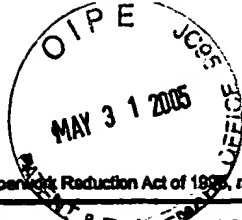
Telephone Number

Reg. No. 38,183

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

22242

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Email

Assignee Name and Address:

SmartSignal Corporation  
901 Warrenville Road  
Lisle, Illinois 60532

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

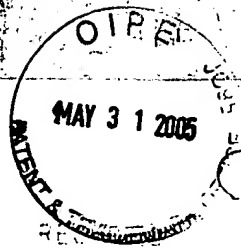
Signature	<i>J. R. Gagnard</i>	Date	5.11.05
Name	James Gagnard	Telephone	680.829.4007
Title	President and CEO		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SUITE 1600  
CHICAGO, IL 60603-3406



\*102013135A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/26/2002

REEL/FRAME: 012655/0570  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WEGERICH, STEPHAN W.

DOC DATE: 01/11/2002

ASSIGNOR:

WILKS, ALAN D.

DOC DATE: 01/11/2002

ASSIGNOR:

NELLIGAN, JOHN D.

DOC DATE: 02/07/2002

ASSIGNEE:

SMARTSIGNAL CORPORATION  
4200 COMMERCE COURT  
SUITE 102  
LISLE, ILLINOIS 60532

SERIAL NUMBER: 09780561  
PATENT NUMBER:

FILING DATE: 02/12/2001  
ISSUE DATE:

012655/0570 PAGE 2

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

03-13-2002

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FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0851-0011 (exp. 4/94)

RE



ER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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Attorney Docket No. 70478

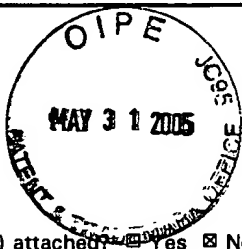
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Stephan W. Wegerich

Alan D. Wilks

John D. Nelligan



## 2. Name and address of receiving party(ies)

Name: SmartSignal Corporation

Internal Address: \_\_\_\_\_

Street Address: 4200 Commerce Court, Suite 102City: Lisle State: IL ZIP: 60532Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) and address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: January 11, 11, February 7, 2002

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/780,561

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Perry J. HoffmanFITCH, EVEN, TABIN & FLANNERY

Internal Address: \_\_\_\_\_

Street Address: Suite 1600120 South LaSalle StreetCity: Chicago State: IL ZIP: 60603-34066. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit Account Number:

06-1135

(Attach duplicate copy of this page if paying by deposit account)

03/12/2002 DBYRNE 00000249 061135 09780561

01 FC:581 40.00 CH

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Perry J. Hoffman

Name of Person Signing

37,150

Registration No.

Signature

February 11, 2002

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

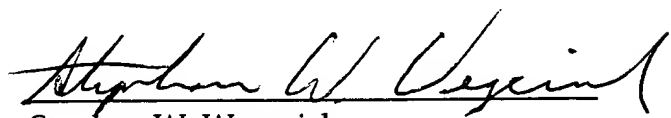
ASSIGNMENT

We, STEPHAN W. WEGERICH, of Glendale Heights, County of DuPage and State of Illinois, ALAN D. WILKS, of Mount Prospect, County of Cook and State of Illinois, and JOHN D. NELLIGAN, of Mount Prospect, County of Cook and State of Illinois, for good and valuable consideration, have assigned and do hereby assign to SMARTSIGNAL CORPORATION, a Delaware corporation, with its principal place of business at 4200 Commerce Court, Suite 102, Lisle, Illinois 60532, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in the application for a United States Patent entitled

SIGNAL DIFFERENTIATION SYSTEM  
USING IMPROVED NON-LINEAR OPERATOR

U.S. Application Number 09/780, 561, filed February 12, 2001; and in and to all Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all documents necessary to secure all said patents and rights, and request issuance of all said patents to the above assignee in accordance with this assignment.

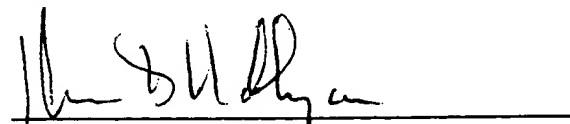
1/11 2002

  
Stephan W. Wegerich

1/11 2002

  
Alan D. Wilks

2/7 2002

  
John D. Nelligan

State of ILLINOIS     )  
                                  ) SS  
County of DUPAGE     )

I hereby certify that before me in the County of DuPage, in the State of Illinois, personally appeared STEPHAN W. WEGERICHI, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed, and delivered by him on the date appearing at the foot thereof.

January 11, 2001/2

[Signature]  
Notary Public  
My Commission Expires:  
September, 2005

State of ILLINOIS     )  
                                  ) SS  
County of DUPAGE     )

I hereby certify that before me in the County of DuPage, in the State of Illinois, personally appeared ALAND D. WILKS, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed, and delivered by him on the date appearing at the foot thereof.

January 11, 2001/2

[Signature]  
Notary Public  
My Commission Expires:  
September, 2005

State of ILLINOIS     )  
                                  ) SS  
County of DUPAGE     )

I hereby certify that before me in the County of DuPage, in the State of Illinois, personally appeared JOHN D. NELLIGAN, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed, and delivered by him on the date appearing at the foot thereof.

February 7, 2001/2

[Signature]  
Notary Public  
My Commission Expires:  
September, 2005